

## ONLINE UPS 1-3KVA(1/1)



### AVOHPKL SERIES

#### **Application:**

Computer/critical servers/data center/hub & other network device/LAN/WAN.

### FEATURES

- True double-conversion
- Microprocessor control optimizes reliability
- Input power factor correction
- Output power factor 0.8 lag to unity
- Wide input voltage (110 V - 300 V)
- Converter mode available
- ECO mode for energy saving (Only available for 1-3KVA)
- Generator compatible directly
- Smart SNMP works well with either USB or RS-232 together
- Optional isolation transformer available.

# TECHNICAL SPECIFICATIONS

MODEL		AVOHP1KL	AVOHP2KL	AVOHP3KL
CAPACITY*		1000 VA/ 800 W	2000 VA/1600 W	3000 VA/ 2400 W
INPUT				
Nominal Voltage		100/110/115/120/127VAC or 200/208/220/230/240VAC		
Input Voltage Range		55-150 VAC or 110-300 VAC (Based on load at 50%) 85-140VAC or 160-280VAC (Based on load at 100%)		
Frequency Range		40 Hz - 70 Hz		
Power Factor		=0.99 @ Nominal Voltage (100% load)		
OUTPUT				
Output Voltage		200/208/220/230/240VAC		
Voltage Regulation		± 1 %		
Frequency Range (Synchronized Range)		47- 53 Hz or 57 - 63 Hz		
Frequency Range (Batt. Mode)		50 Hz ± 0.25 Hz or 60Hz ± 0.3 Hz		
Current Crest Ratio		3:1		
Harmonic Distortion		= 3 %THD (Linear Load) = 6 % THD (Non-linear Load)		
Transfer Time	AC Mode to Battery Mode	Zero		
	Inverter to Bypass	4 ms (Typical) Zero		
Waveform (Batt. Mode)		Pure Sine wave		
EFFICIENCY				
AC Mode		90%	90%	90%
Battery Mode		93%	90%	90%
BATTERY				
Standard Model	Battery Type	12 V/9Ah	12 V/9Ah	12 V/9 Ah
	Numbers	3	6/8	6
	Typical Recharge Time	4 hours recover to 90% capacity		
INDICATORS				
LCD		Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators		
ALARM				
Battery Mode		Sounding every 4 seconds		
Low Battery		Sounding every second		
Overload		Sounding twice every second.		
Fault		Continuously sounding		
PHYSICAL				
Standard Model	Dimension, D x W x H (mm)	282x 145x220	397x 145x220	421 X 190x318
	Net Weight (kgs)	9.8	17	27.6
Long-run Model **	Dimension, D x W x H (mm)	282x 145x220	397 X 145 X 220	
	Net Weight (kgs)	4.1	6.8	7.4
ENVIRONMENT				
Humidity		20-90 % RH @ 0- 40°C (Non-condensing)		
Noise Level		Less than 50dB @ 1 Meter		
MANAGEMENT				
Smart RS-232 / USB		Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux and MAC		
Optional SNMP		Power management from SNMP manager and web browser		

- All specifications are subject to change without prior notice.
- Custom-made specifications are acceptable.